

Procedure for the extraction and purification of ATC07- α and ATC07- β from Tricholoma Conglobatum

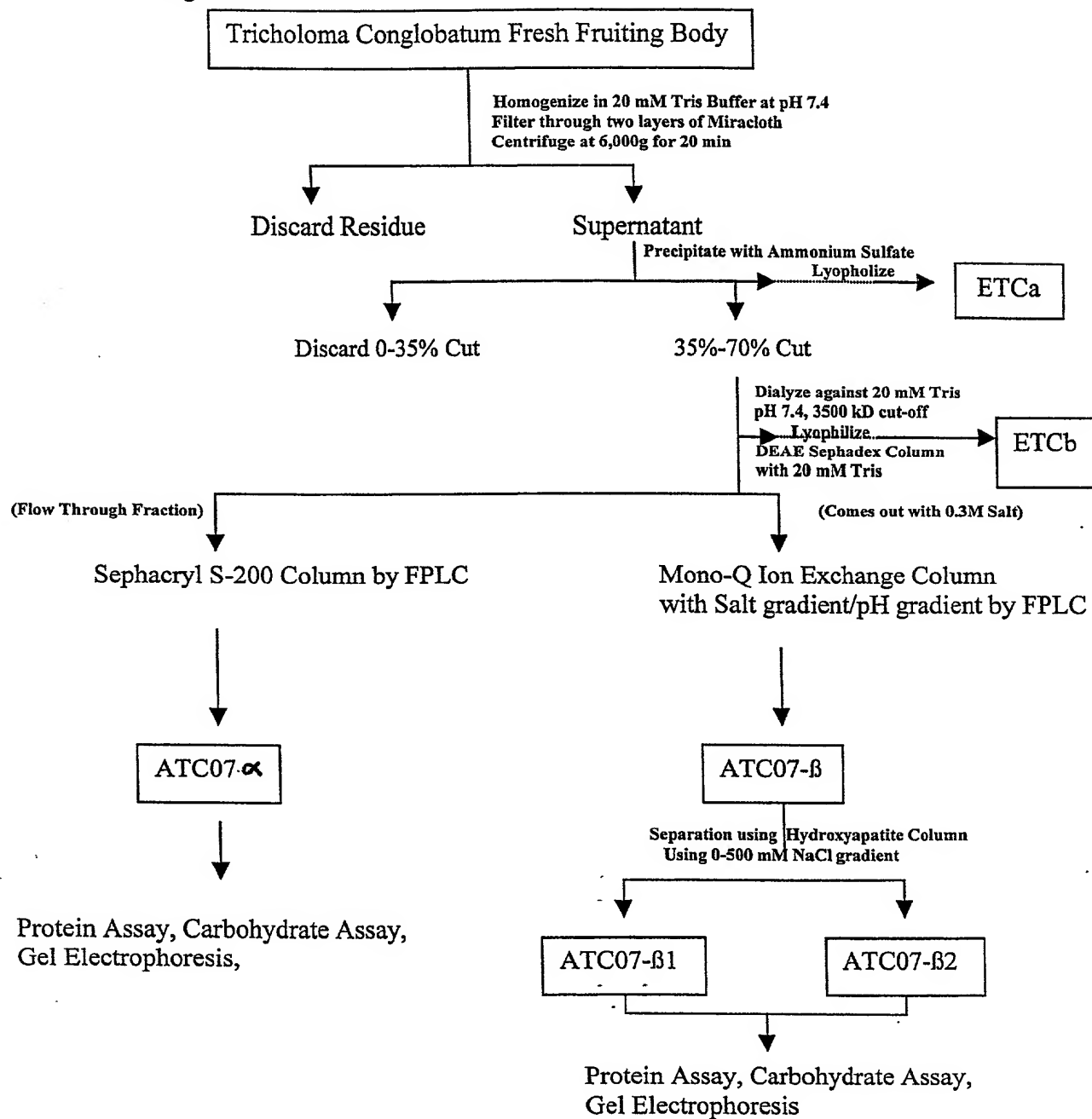


FIGURE 1

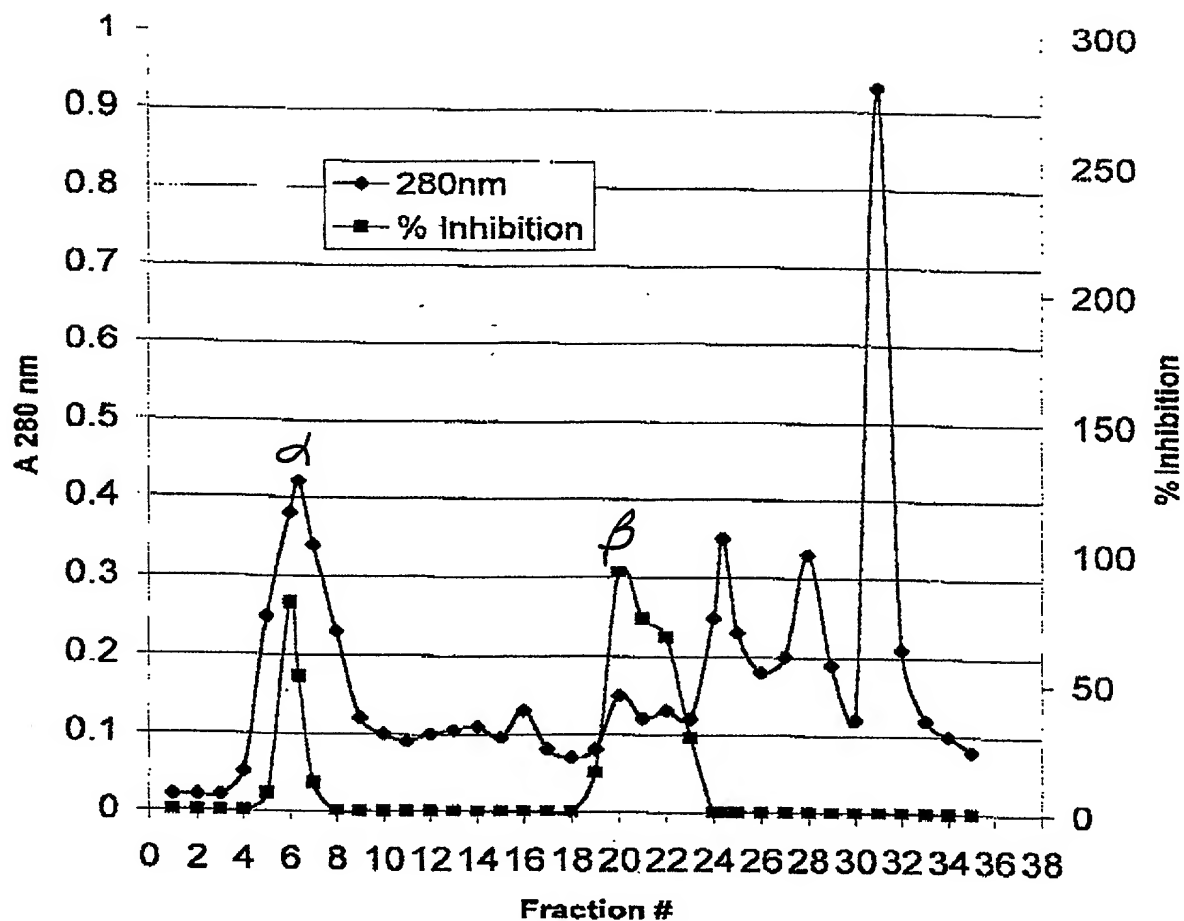


Figure 2: Mono-Q FPLC Chromatography of Crude Extract from *Tricholoma Conglobatum*
 Column Condition: Buffer 20 mM K-phosphate, pH 7.5
 Flow rate 2mL/min
 Detection 280 nm, Sensitivity 0.5
 Temperature 25°C
 Gradient elution 0~1 M Sodium Chloride

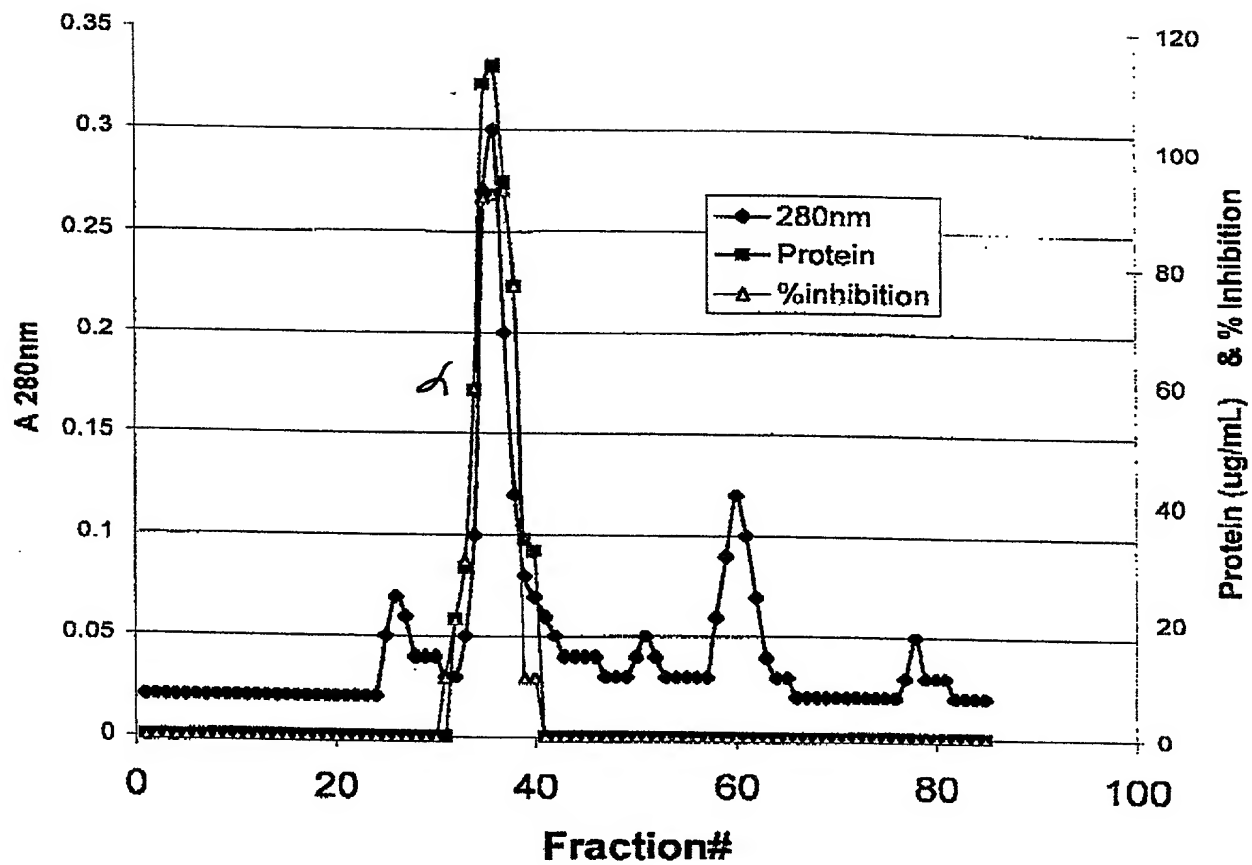


Figure 3: Sephacryl -200 FPLC Chromatography of Active Fraction from ATC07-a obtained from the Elution on a Mono-Q Chromatography

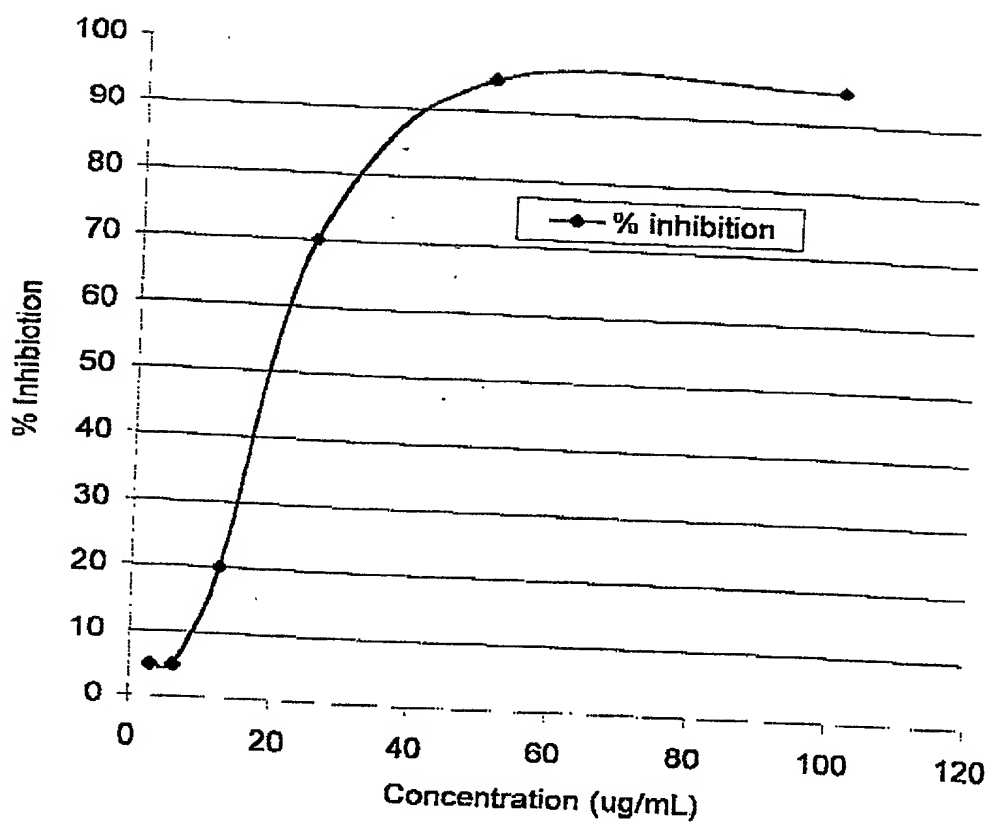


Figure 4: Concentration Dependent of Anti-angiogenic Activity of ATC07α Anti-angiogenic Activity determined by Endothelial Cell Culture (ECC) Assay

Fraction 31-40 From S-200, #36 is ATC07d

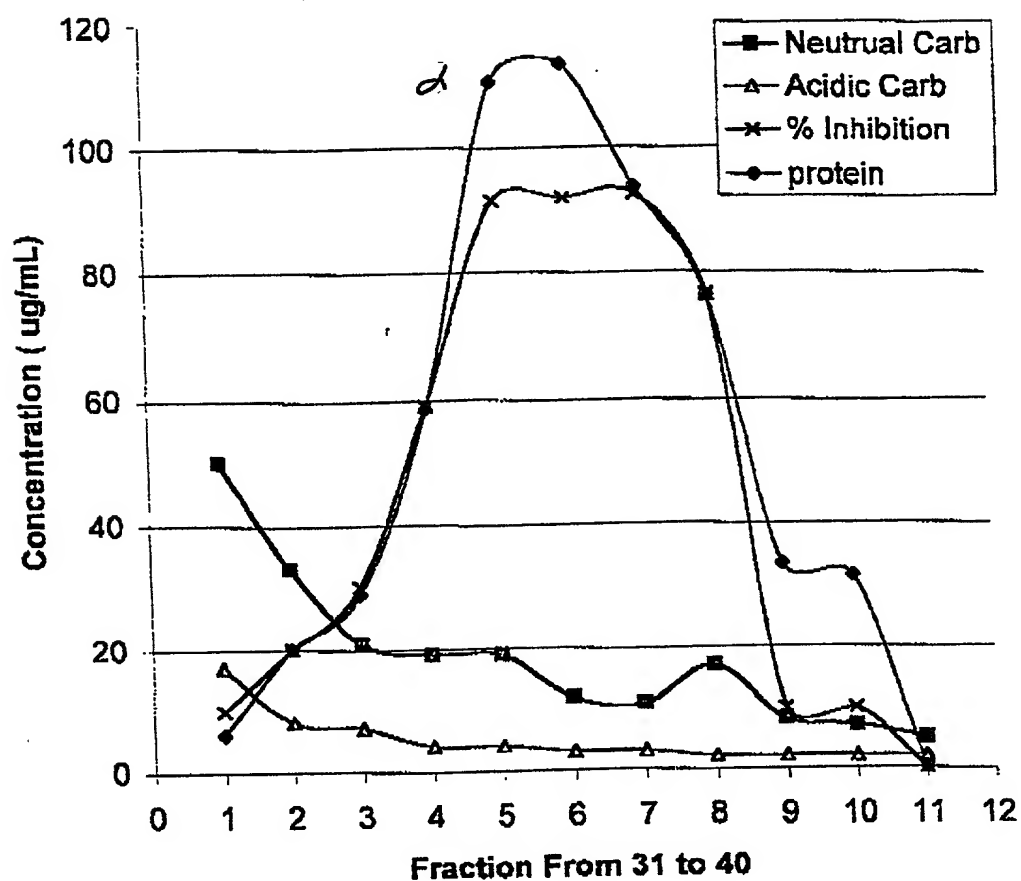
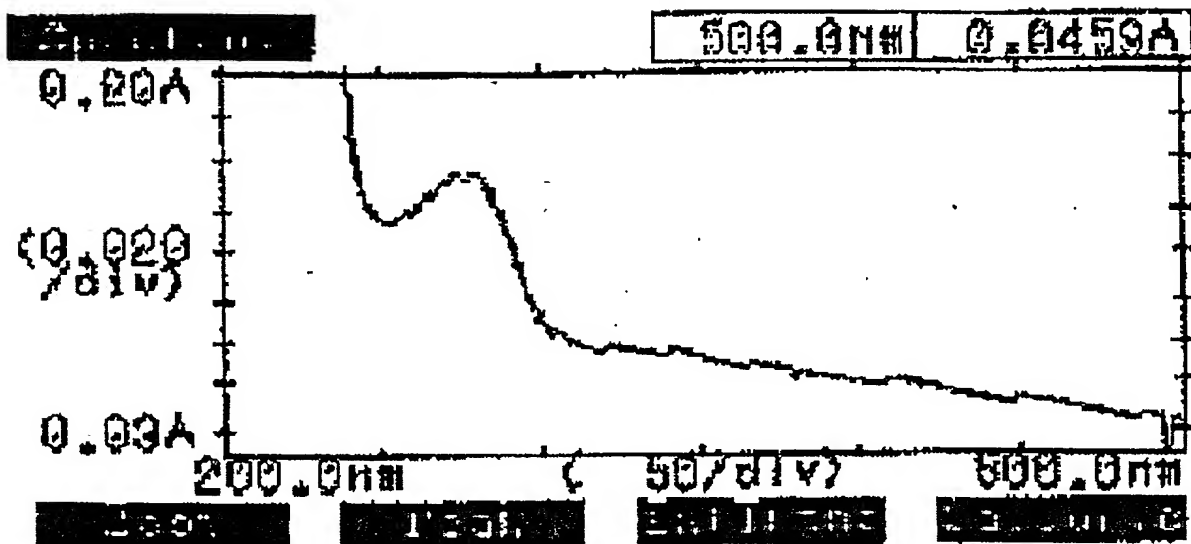


Figure 5: Protein and Carbohydrate Analysis of Fraction 31-40 from Sephacryl S-200 Chromatography



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λ	ABS
277.0	0.1539

λ	ABS

FIGURE 6

[illegible]

File Name :

Date :

Sample : Shim S-200
Cell Length : 1 cm
Concentration : 1 M
Solvent : h₂O
Temperature : Room Temp.

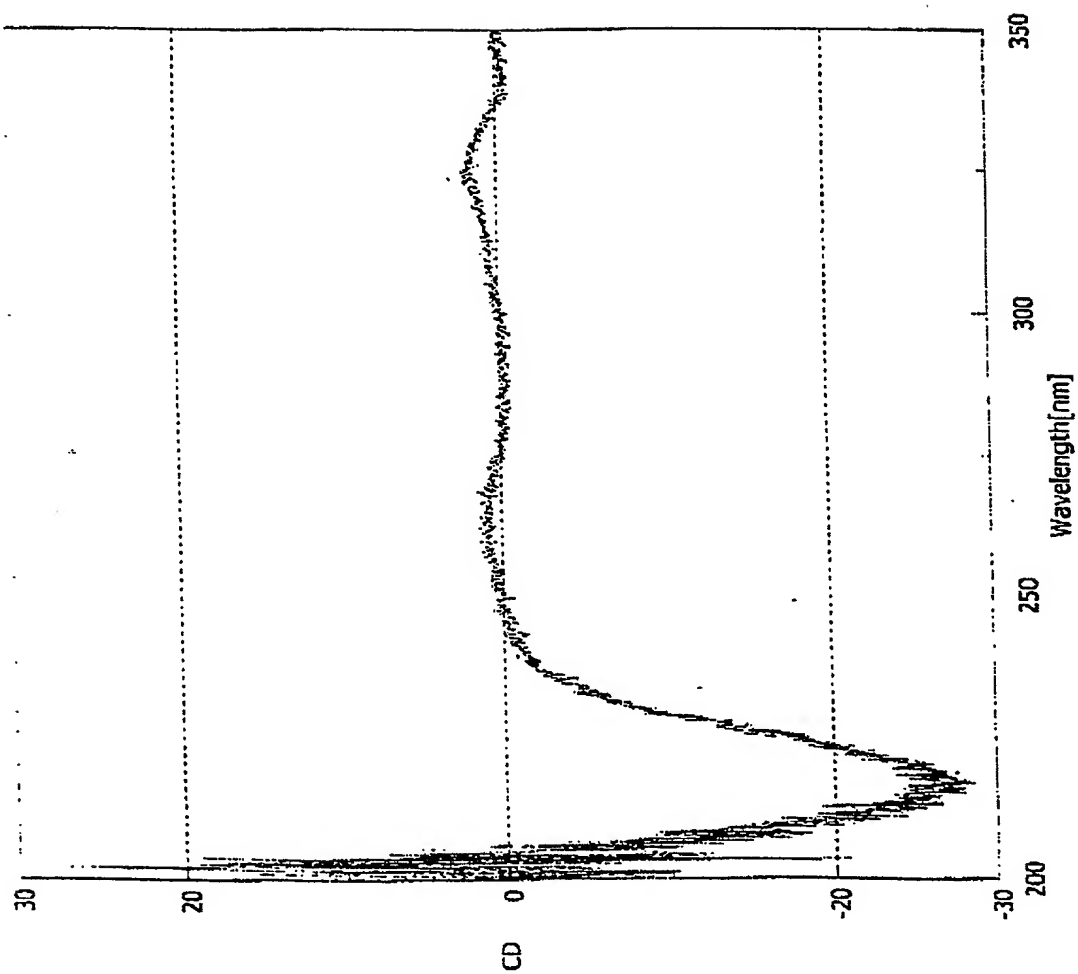
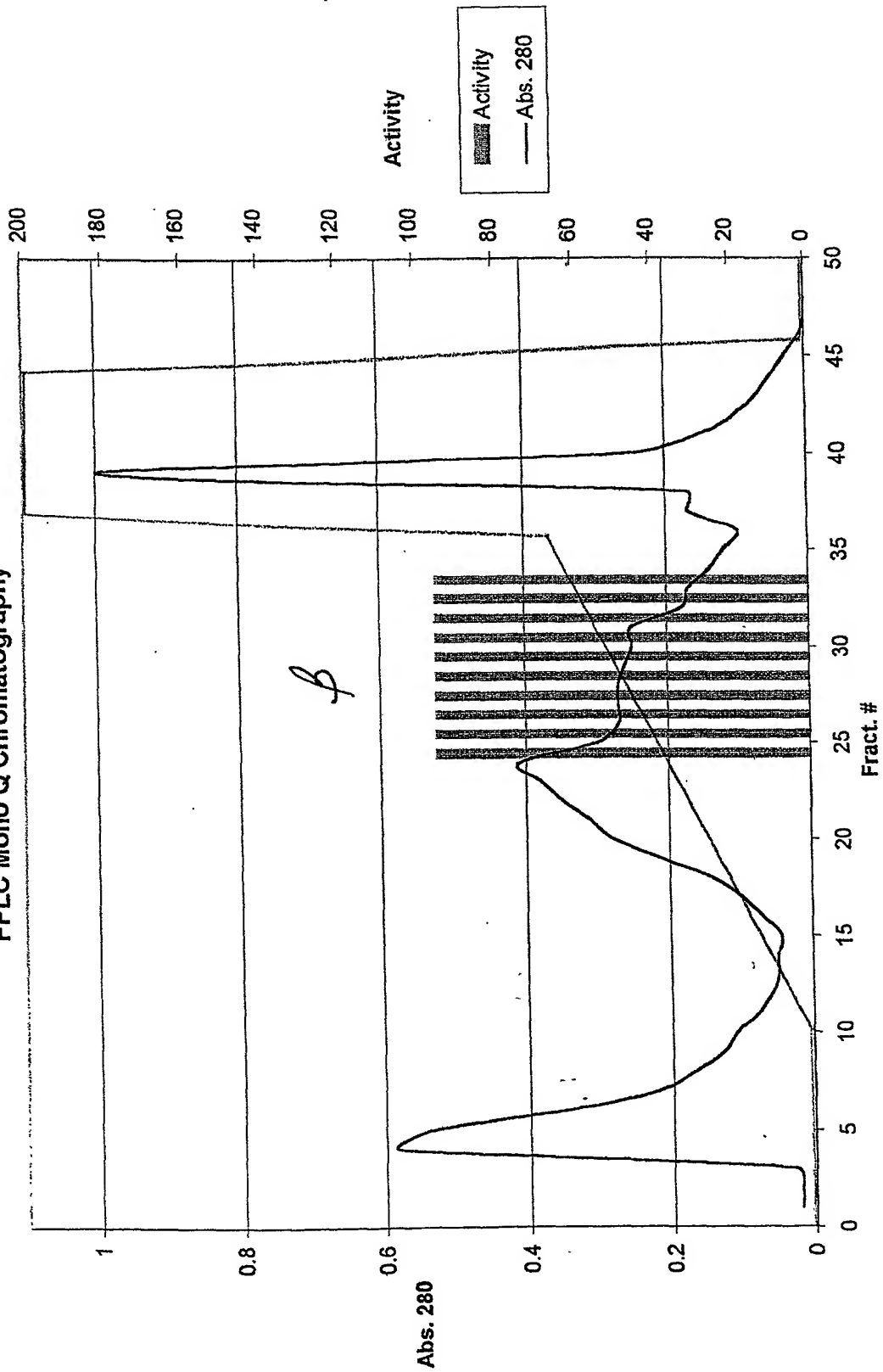


Figure 7

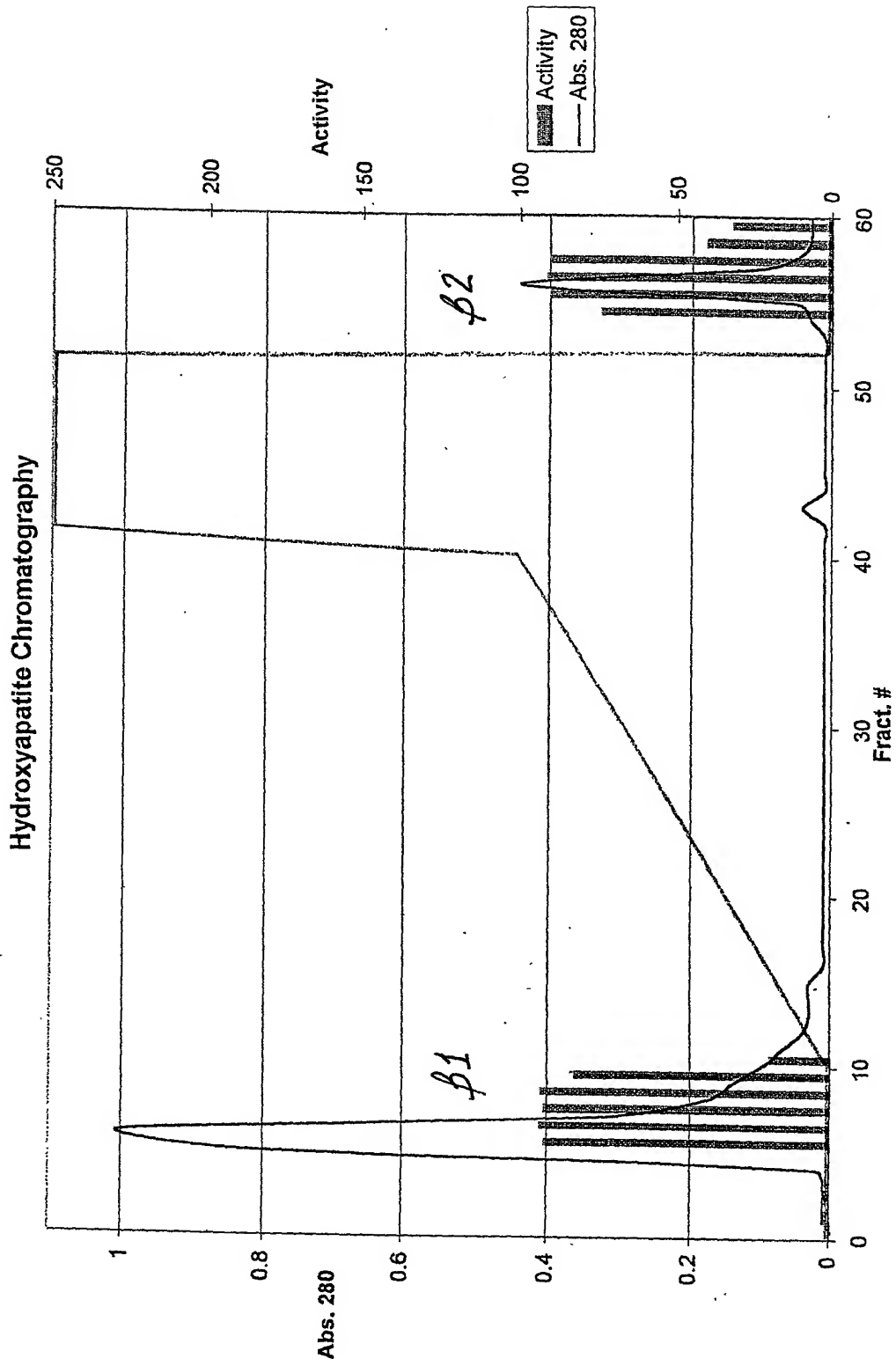
FPLC Mono Q Chromatography



FPLC mono Q chromatography with NaCl gradient of DEAE
sephadex peak 2, yielding one active region, Beta.

FIGURE 8

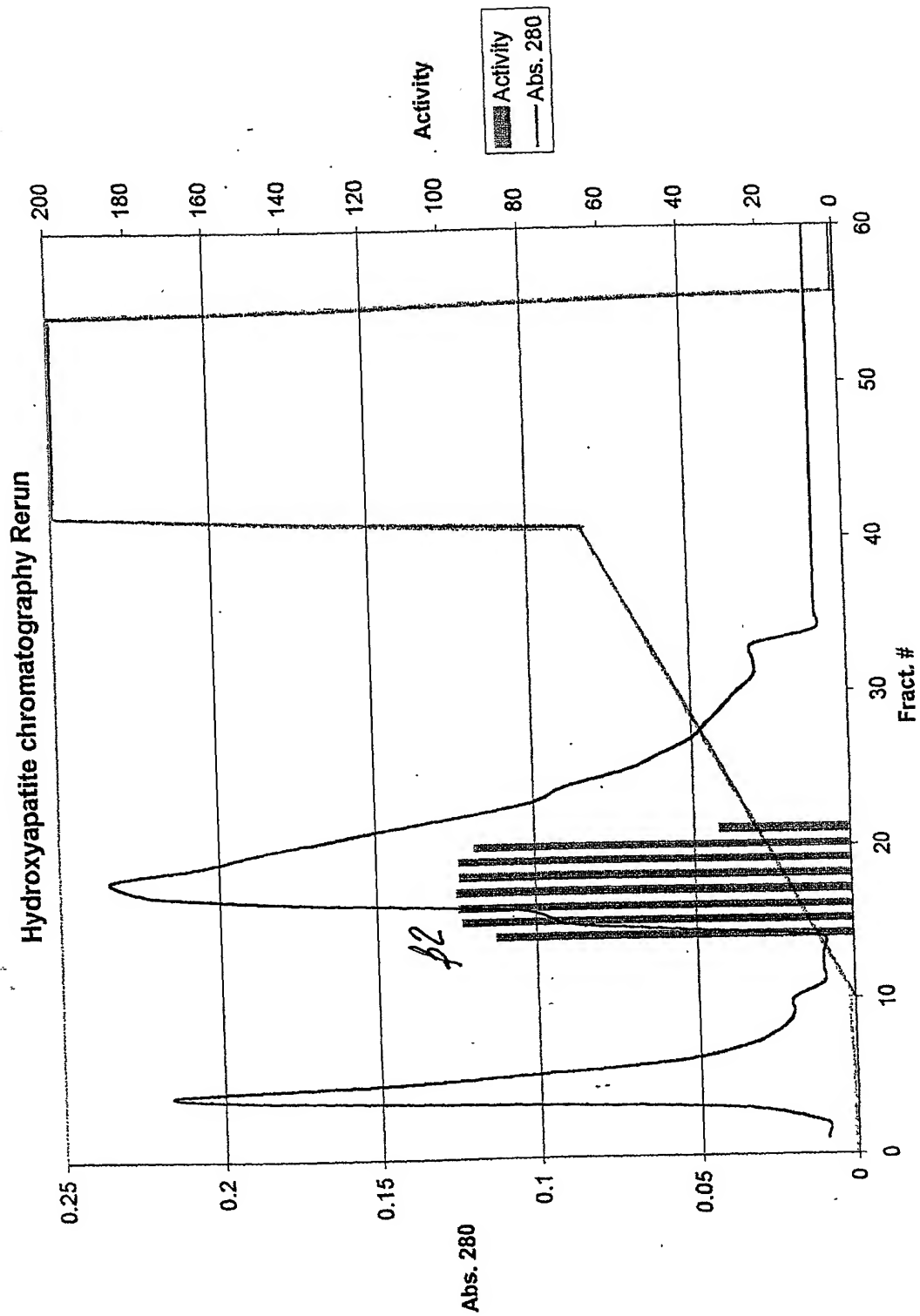
FOOTNOTES



Hydroxyapatite chromatography with NaCl gradient of
Mono Q Beta, yielding 2 active regions Beta-1 and Beta-2

FIGURE 9

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Hydroxyapatite Chromatography with
phosphate gradient of Beta-2

FIGURE 10